

Solar Control Film

Lower Mirror - Bronze



Opalux® bronze lower mirror solar control films offer a balanced year-round performance of good solar heat rejection with higher light transmission and additional winter heat-saving benefits.



These bronze lower mirror coloured films are specially metallised to allow plenty of light along with good solar control properties. Avoiding the mirrored look of traditional solar control films, these present a pleasing architectural appearance.

These films help to reduce cooling costs and therefore Climate Change Levy liability by lightening the load on air conditioning equipment. Government and business organisations can use Opalux solar control window films as an integral part of seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

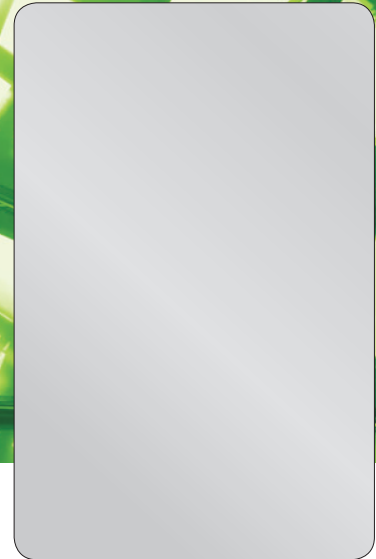
Opalux bronze lower mirror solar control films are used where a more neutral appearance is required, and are ideally suited to architecturally sensitive applications such as listed buildings. These films achieve good solar heat and glare control but, depending on the type chosen, can still allow vision both ways, and make less visual impact than traditional mirrored films.

The films are applied internally and, in daytime, lend the glass a bronze lower mirror outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

Features	Benefits
Solar heat and glare rejection	Alleviate the discomfort caused by excessive heat and glare
Cuts energy use for cooling	Reducing energy tax liability and contributes to a reduced carbon footprint
Lower mirror appearance	Lower exterior visual impact, especially suited to architecturally sensitive buildings
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

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Bronze 20

Internal

Code: SO-20BR-iSR

Performance Data	
Total Solar Energy	
Transmitted	13%
Reflected	46%
Absorbed	41%
Visible Light	
Transmitted	21%
Reflected	35%
Ultra-Violet Rejected	<99%
Glare Reduction	76%
Shading Coefficient	0.27
Total Solar Energy Rejected	76%
Product Warranty	10 years

An exterior grade version is available.
Refer to code: SO-20BR-eSR

Specification:

The solar control window film is to be Opalux® **SO-20NG-iSR**, as manufactured by Opalux® (www.opalux.co.uk). The film is to be installed to the **interior** surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure.

(When specifying another solar control film from this range, please change the **highlighted** words as appropriate. For exterior grade film also insert, **Exterior grade films must be correctly edge sealed**).

Bronze 35

Internal

Code: SO-35BR-iSR

Performance Data	
Total Solar Energy	
Transmitted	23%
Reflected	37%
Absorbed	40%
Visible Light	
Transmitted	34%
Reflected	26%
Ultra-Violet Rejected	<99%
Glare Reduction	61%
Shading Coefficient	0.37
Total Solar Energy Rejected	67%
Product Warranty	10 years

An exterior grade version is available.
Refer to code: SO-35BR-eSR

Notes:

Test results are produced from film applied to clear glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux Product Warranty Form for the full terms and conditions of the Opalux limited warranty. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct or consequential loss howsoever arising.

Bronze 50

Internal

Code: SO-50BR-iSR

Performance Data	
Total Solar Energy	
Transmitted	34%
Reflected	22%
Absorbed	44%
Visible Light	
Transmitted	49%
Reflected	17%
Ultra-Violet Rejected	<99%
Glare Reduction	44%
Shading Coefficient	0.52
Total Solar Energy Rejected	55%
Product Warranty	10 years